**5. Total page views / Category wise pageviews / Unique pageviews**

**page,total\_number\_of\_views**

**category, total\_views**

**page, total\_number\_of\_unique\_views**

**Category1 wise view:-**

**Group the original output file without any filter by category1.**

**Command:-**

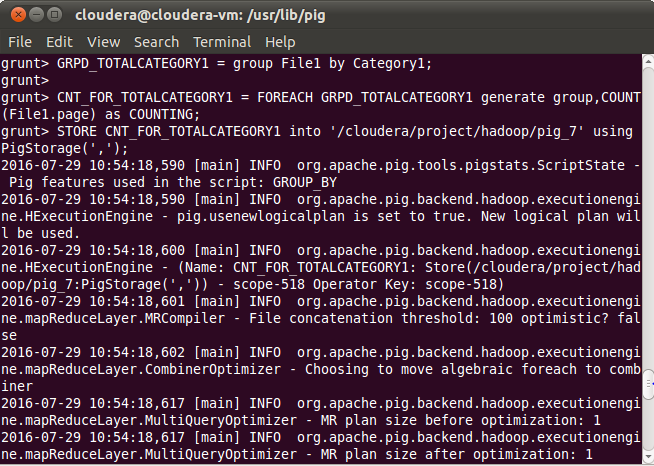
GRPD\_TOTALCATEGORY1 = group File1 by Category1;

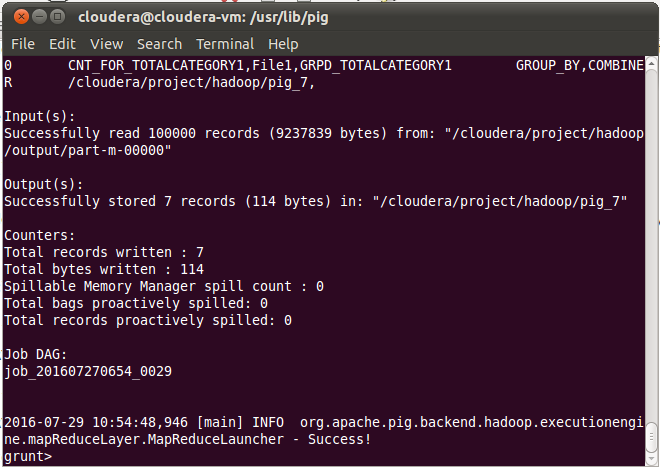
**Count the records grouped by category1.**

**Command:-**

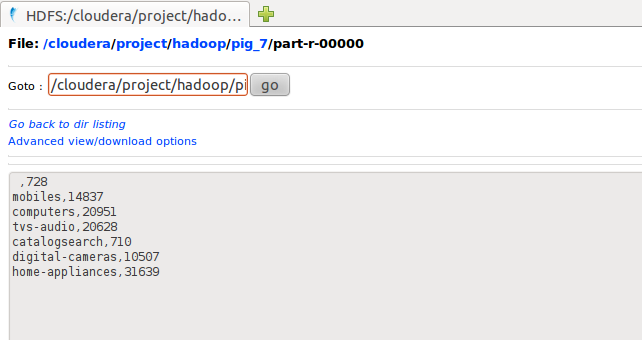
CNT\_FOR\_TOTALCATEGORY1 = FOREACH GRPD\_TOTALCATEGORY1 generate group,COUNT(File1.Category1) as counting;

STORE CNT\_TOTALCATEGORY1 into '/cloudera/project/hadoop/pig\_7' using PigStorage(',');





**O\P:-Category1 wise records:-**



**Category2 wise view:-**

**Group the original output file without any filter by category2.**

**Command:-**

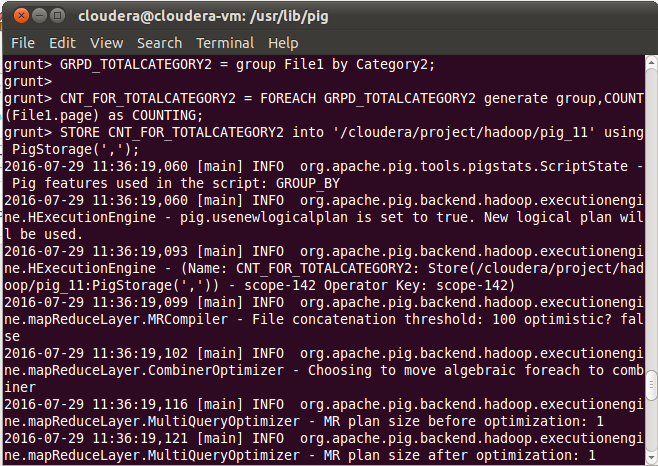
GRPD\_TOTALCATEGORY2 = group File1 by Category2;

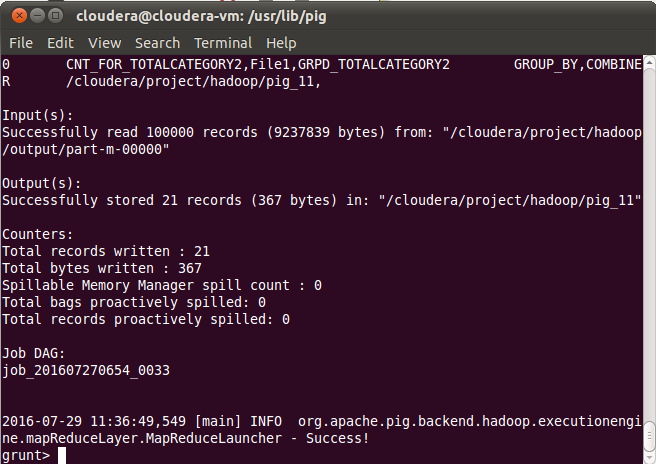
**Count the records grouped by category1.**

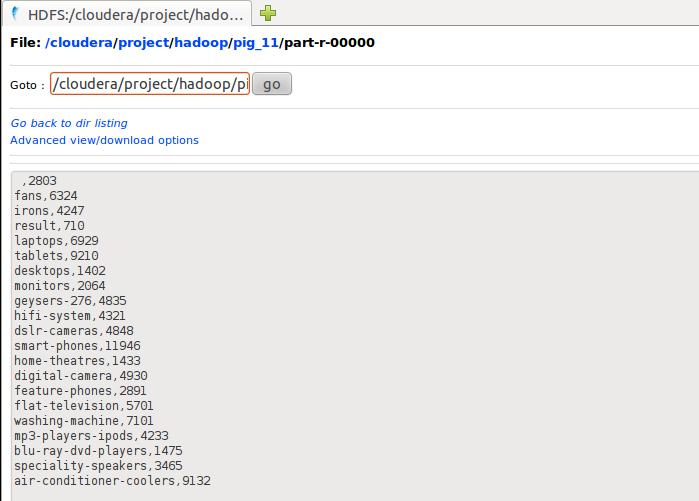
**Command:-**

CNT\_FOR\_TOTALCATEGORY2 = FOREACH GRPD\_TOTALCATEGORY2 generate group,COUNT(File1.Category2) as counting;

STORE CNT\_TOTALCATEGORY2 into '/cloudera/project/hadoop/pig\_11' using PigStorage(',');





**O\P:-Category2 wise records**

**Category1 wise view:-**

**Group the original output file without any filter by category1.**

**Command:-**

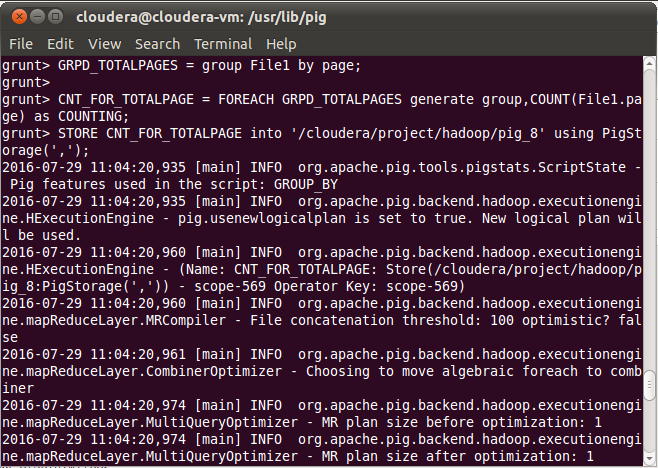
GRPD\_TOTALCATEGORY1 = group File1 by page;

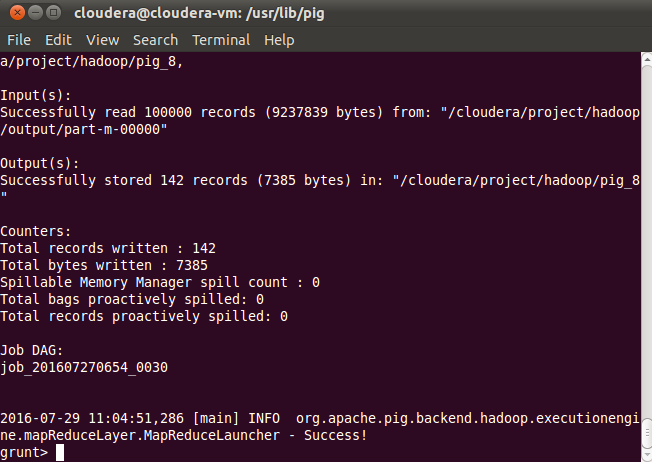
**Count the records grouped by category1.**

**Command:-**

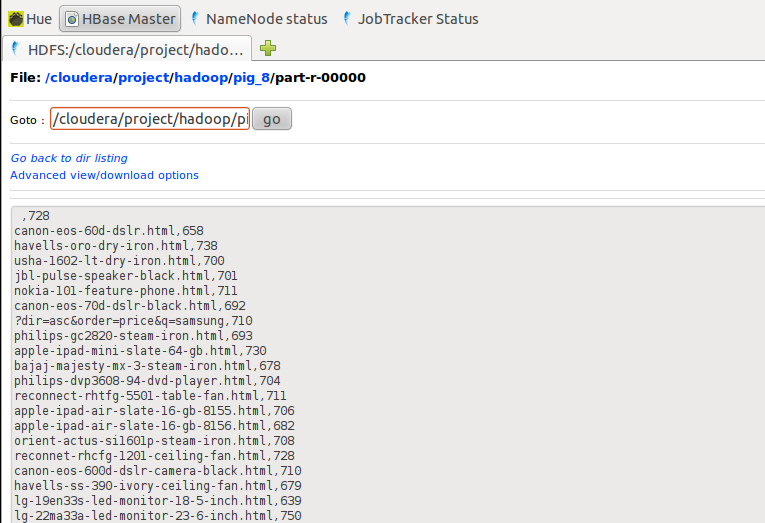
CNT\_FOR\_TOTALPAGE = FOREACH GRPD\_TOTALPAGE generate group,COUNT(File1.page) as counting;

STORE CNT\_FOR\_TOTALPAGE into '/cloudera/project/hadoop/pig\_8' using PigStorage(',');





**O\P:-Page wise records:-**



**Unique pageviews:-**

**Group the File1 by page.**

**Command:-**

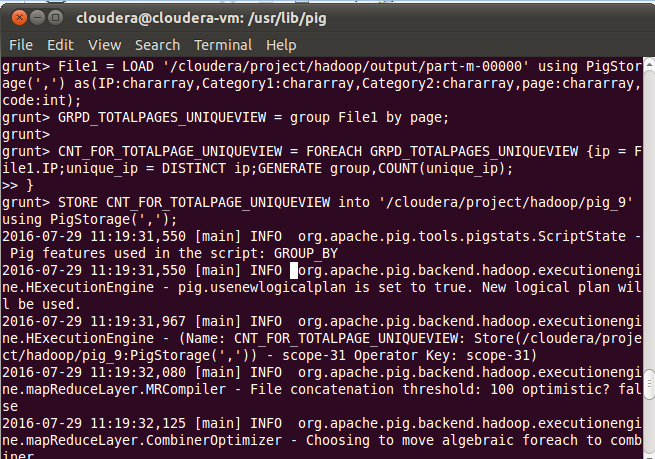
GRPD\_TOTALPAGES\_UNIQUEVIEW = group File1 by page;

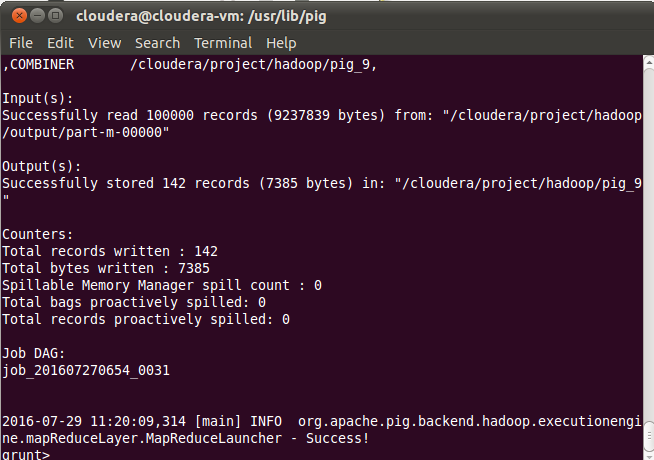
**For each group generate unique page count**

**Command:-**

CNT\_FOR\_TOTALPAGE\_UNIQUEVIEW = FOREACH GRPD\_TOTALPAGES\_UNIQUEVIEW {ip = File1.IP;unique\_ip = DISTINCT ip;GENERATE group,COUNT(unique\_ip);}

STORE CNT\_FOR\_TOTALPAGE\_UNIQUEVIEW into '/cloudera/project/hadoop/pig\_9' using PigStorage(',');





**Output (Unique Page view):-**

